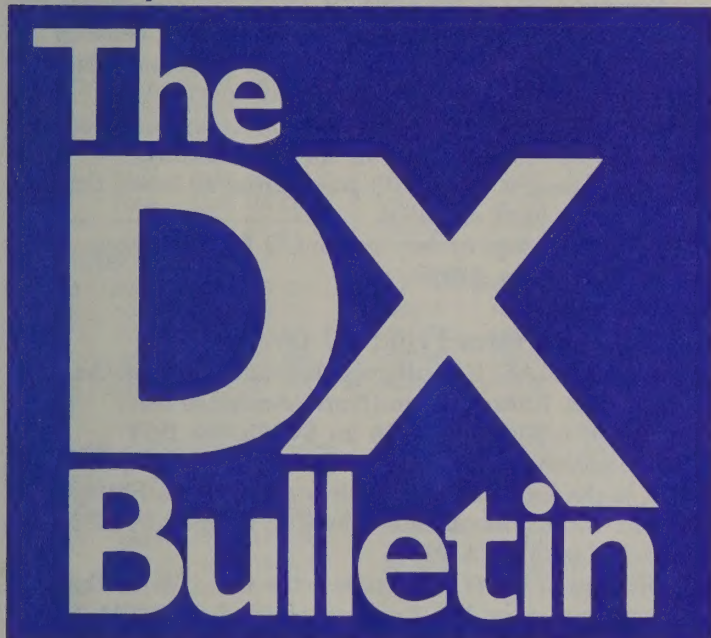


Andorra - C3 Several members of the HB9MM club will operate as C3ØEUA May 10-20, on 160-6 meters, CW, SSB, and via satellites. Try the usual DX frequencies (see Issue 585). QSL to HB9MM, Box 3705, CH1002 Lausanne, Switzerland. Note that return airmail postage is about US\$1.50. Sunrise 0440Z; sunset 1900Z.

St. Maarten - PJ Six members of the Harvard Wireless Club W1AF will operate from St. Maarten (NA-105) May 9-16. Operators KC1SW, KC1SY, KC1WY, K3UOC, KO1O, and KA1KCN will be active as PJ1A, on CW and SSB. QSL to W1AF.

Jersey Island - GJ Henk PBØAFQ will operate GJ/ from Jersey (EU-13) May 17-24, on 10 meters. QSL to PA3ELS, Box 268, 3940 AG Doorn, the Netherlands.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Bermuda - VP9 Fred Lucas K1EFI will operate VP9/ May 23-30, mostly CW, concentrating on the new bands (where he will be very popular). QSL home call.

Solomon Islands - H44 Some more details about the May 4-11 H44 operation mentioned last week: preferred HF frequencies will be 14022, 18072, 21022, 24902, and 28022 kHz, listening up. 40- and 80-meter frequencies will depend on QRM. QSL to operators' home calls via the RSGB bureau, or direct to 1991 Callbook addresses.

Turks and Caicos - VP5 VP5VEB (WB8HDD, VP5VEC (W4PRO), and VP5VED (AA4NG) will be active from Providenciales (NA-02) before and after the WPX CW test May 25-26. Contest call is VP5W. QSL to AA4NG.

Shortly Noted

- EN4AA will commemorate the victory of WWII to May 9th, from Volgograd (formerly Stalingrad), Oblast 156. Operator, and QSL route, is Alek UZ4AWB, Box 2667, Volgograd 400720 USSR.
- LX/FF5KD/P will be operated by several French operators May 8-12, all bands and modes. (DXpress.)
- BT8ØTUA is on the air until May 16, celebrating the 80th anniversary of Beijing University, home of BY1QH. Try 15-meter SSB 11-1600Z. QSL via BY1QH.
- S79QZ often comes up on 10-meter SSB around 28480 kHz on Sundays about 1830Z. QSL to DJØQZ.
- KH3AE, John, often checks 10 meters around 28500 kHz during his lunch break: 0030Z. QSL via Box 764, APO San Francisco CA 96305.
- JT1BG often shows on 10-meter SSB around 28480 kHz 2230-0000Z weekends.
- 4K1A on Antarctica (CQ Zone 39) is being operated by Nick UZ1PWA, who will be there until June 1992. He'll answer his QSLs when he returns home then. Meanwhile, he is active on 30-10 meters, and hopes to get antennas up for the low bands before winter (June).
- The Y2-Y9 prefixes may soon disappear, replaced by standard DJ-DL series. If you are missing any, work them now.
- SSB net check-ins: 14160 kHz: STØDX XQØX EP2HZ (not valid for DXCC); 14222: ZC4BS FK8FS; 14227: BY1QH BV5OC UJ9SWE 3B8CA 9M8FH VKØKC 7Q7RM; 14256: OD5VT UJ8KA CE2NVH/9 (South Shetlands) VP8CFM FR5ZN S83H 4S7EA; 21335: AP2JZB 5V7DP SV2ASP/A (Mt. Athos) VQ9HW TR8GL S79KMB; 28510: 5R8JD (not valid for DXCC) VR6BX.
- QSL Notes: JA1UT has not yet received the S21U logs from Jim Smith VK9NS, but is ready to confirm Jim's contacts as soon as Jim supplies a copy of the log. The QSL address for CEØZVS (Juan Fernandez) is Box 38D, Santiago, Chile. When (if?) accepted for DXCC credit, QSL the 7X5ST/3V8 operation via Jamal Hassoune, 192 Square de Corte, Est 60, Appt Box 493, 34080 Montpellier, France. Cliff K6KII, QSL manager for 7Q7RM is recuperating from an accident, and asks for patience with the 7Q7RM QSL cards. Please don't send duplicate requests, nor registered letters.
- Islands On The Air: Several Korean amateurs will operate HLØKTA/4 from Chuja Island (AS-??) May 18-21, 80-10 meters, CW and SSB, concentrating on the IOTA frequencies of 14260, 21260, and 28460 kHz. QSL via HL1XP. Bob Stewart KW2P will operate from the Florida Keys (NA-62) May 23-June 12, again on the IOTA frequencies. QSL home call. IP1IOTA will be active from Bergeggi Island (EU-83) May 10-12, in connection with the IOTA convention. LU8XPD from the Tierra del Fuego group (SA-08) has been logged at 28482 kHz at 1955Z.

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
May 1991	Date Flux A K	Date Flux A K
3 High Normal	04/06 198 13/16 3	03/09 217 25/24 3
4 High Normal	04/07 192 10/14 2	03/10 225 17/20 2
5 High Normal	04/08 183 09/10 1	03/11 223 04/07 1
6 High Normal	04/09 205 08/15 2	03/12 231 11/16 3
7 High Normal	04/10 223 08/12 1	03/13 241 24/24 3
8 Above Normal	04/11 223 05/08 2	03/14 244 10/09 1
9 High Normal	04/12 255 09/14 2	03/15 244 05/08 2
10 Above Normal	04/13 249 04/08 1	03/16 257 07/09 4
11 Above Normal	04/14 268 07/09 2	03/17 250 12/12 3
12 Above Normal	04/15 267 06/08 2	03/18 276 09/09 1
13 Above Normal	04/16 268 04/09 2	03/19 262 09/14 3
14 High Normal	04/17 252 11/13 3	03/20 250 11/13 3
15 High Normal	04/18 236 13/13 3	03/21 252 18/20 3
16 High Normal	04/19 229 16/16 2	03/22 258 14/19 1

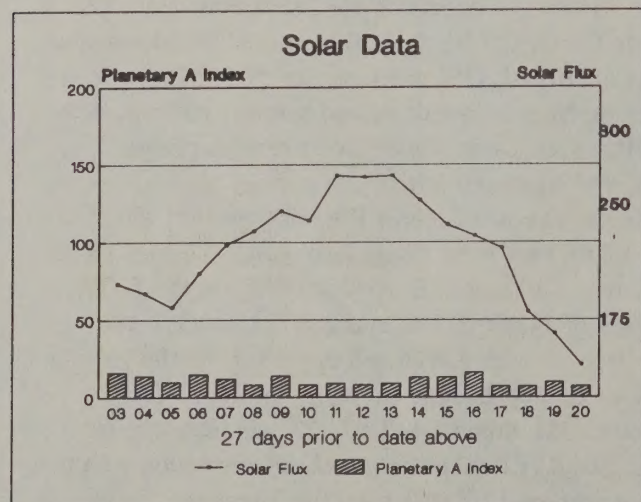
Propagation Watch

DXers got the worse of both worlds last week. Solar flux plummeted below 140, more than 100 below the 90-day mean of around 240. Plus, a geomagnetic disturbance set off by emissions from a coronal hole virtually eliminated the polar path, and dropped signal strengths on the high bands.

After the superb band conditions of the first three months of 1991, we should have expected conditions such as these, which are more typical of this stage in the sunspot cycle than the prolonged excellent propagation we've enjoyed recently.

Fortunately for DXers the coronal hole and Sunspot Regions that caused the problems last week have rotated around the back of the sun. We can look forward to improving conditions, as we move toward a peak in solar activity next weekend.

15 and 17 meters will be the best bands during the day, with some 12- and 10-meter openings, especially in the low latitudes, and on north-south paths. When the geomagnetic activity is not disrupting the polar regions, look for good long-path openings on any or all of these bands in the early-to-mid evening, local time. Rotate your antenna for maximum signal strengths; it won't necessarily be 180° from the short-path heading. 20 meters will be best within a hour or so of local sunrise, and again in the early evening. Try 40 meters at local sunset, looking west.



CQ Mir (Peace) Contest

The Radio Sport Federation of the USSR has the honor to invite radio amateurs all over the world to participate in the annual CQ M DX Contest:

Contest period: Second full weekend of May, 1991: 11-12 May, 24 hours: 2100Z Saturday to 2100Z Sunday.

Mode: CW, SSB, and mixed.

Bands: 1.8, 3.5, 7, 14, 21, and 28 MHz as well as through satellites.

Categories: a) single operator, single band; b) single operator, multi-band; c) multi-operator, multi-band, single transmitter; d) SWLs (listeners).

Club stations pertain to "C" category irrespective of the number of operators in the team of radio station. A station must remain on a band for at least ten minutes at a time. Only one transmitted signal allowed at any given time. The same station may be worked once per band/mode. All operators must observe the limits of their operators' licenses at all times.

Exchange: RST/RS plus QSO serial number, e.g. 599001 or 59001.

Scoring: QSO in the same "R-150-S" country counts one point; between different countries two points; between different continents three points. Listeners score one point for logging one exchange, three points for logging both.

Multipliers: The multipliers are the countries listed on the "R-150-S" country list (one for each country).

Final Score: is total QSO points from all bands times total multipliers from all bands.

Logs: Send logs by July 1st to: CQ M DX contest, P.O. Box 88 Moscow, USSR.

Notes From All Over

■ Duane Heise AA6EE is offering discount prices on the 1991 *Callbooks*. Either edition (North American or International) is \$25.90, or both for \$49.90. the 1991 *Callbook Supplement* is \$10.90, available June 1. All prices postpaid in the US. California orders add 6% tax. Foreign orders add US\$2.95/book. Send check to Duane at 16832 Whirlwind, Ramona CA 92065.

■ Dan McLean WA4JTI has received the first CW Worked All Zones award from WAZ awards manager K1MEM. His last card was from Zone 39: C9EC. Dan was the third The DX Bulletin subscriber to work the 40 zones on CW in 1991, finishing up on Feb. 27. However, getting all 40 cards, including those from the USSR, in only three months is a remarkable achievement! meanwhile, K1UM caught HS0AC in Zone 26 on April 8 for his 40th zone, and Bob Beatty W4VQ also caught HS0AC, on April 17, completing his CW WAZ in '3 1/2 months of casual DXing.'

■ Ralph Hirsch K1RH reports that the St. Pierre & Miquelon radio club is once again active, thanks to FP5CJ and FP/VE1KM. They have six students studying to pass the French amateur test. However, they need donations of equipment to get these new FP amateurs on the air. Any DXer with some surplus gear who wants to donate same to a good cause should contact Ron Thompson VE1KM: Box 383, St. Pierre & Miquelon, Via Halifax NS Canada B3K 1S0.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18

RTTY

7X2DS	14096	0313	21	PA
7X2DS	14085	2329	24	MN
9H1ED	21092	2121	19	PA
OZ2XW	14085	0730	17	IL
RC2AZ	14083	0430	13	IL
T77T	14096	2101	21	PA
UF6FJ	14086	0005	20	PA
UQ2GC	21087	1840	11	IL
YO6JN	14091	0141	20	PA

160 Meters

VK2DPS	1832	1300	19	CA
VK6ABL	1831	1248	19	CA

75 Meters

HE7AFI	3794	0510	14	IL
HK0OEP	3795	1045	14	FL

40 Meters

4K1ADQ	7003	0205	24	OR
7X2AB	7005	0307	24	OR
A22OB	7003	0310	24	OR
TJ1BJ	7047	0500	22	OR
XT2BW	7003	0535	21	CA
Z21HS	7008	0348	25	OR

30 Meters

6W1QB	10106	0040	20	NH
9M2AX	10104	2333	20	PA
OX3FV	10101	2344	19	NH
T77C	10105	2302	20	NH
UA2EC	10101	0001	21	PA
UC2AF	10105	0023	16	VA
ZD8LII	10106	2300	20	NH

20 Meter CW

3B8FG *	14021	1335	21	CA
3C1EA	14001	0702	14	CA
4K1A	14017	1203	18	NH
4K1ADQ	14010	0220	18	CA
4S7CF	14003	1226	20	IL
4S7EF	14029	2332	17	GA
4S7RO *	14003	1203	20	IL
4S7WP	14017	1134	18	NH
4S7WP	14048	2320	17	CT
7P8EN	14004	1526	16	WA
7Q7LA	14007	1457	25	OR
7Q7RM *	14003	1458	25	OR
9J2HZ *	14006	1350	20	CA
A22GH	14008	1535	16	WA
BV2TA	14015	1340	20	CA
BY4RB	14026	1213	20	IL
EL2EF	14021	1542	20	NH
FR5AI/T *	14005	1430	25	OR
FR5DD	14025	1139	17	NH
FT4WC	14013	1207	24	OR
HS0AC	14023	1025	16	VA
JD1/	14009	1226	16	AL
JH5EES	Minami	Torishima		
OY1CT	14017	0051	16	GA
P29DK	14011	1421	19	AZ
T20AA	14032	1150	17	CA
TA2BU	14015	0052	15	VA
TU2MA	14033	0034	17	OH
UH9YWA	14008	0249	16	CO

VU2NTA *	14006	1145	17	IL
VU2PCD	14008	1341	17	AZ
VU2RJN	14025	1228	25	MN
XU8DX	14005	1105	19	AL
Y88POL	14014	2042	12	MN
YN/	14025	1237	25	MN
SM0OIG				
Z21HS *	14007	1420	19	CO
ZC4CZ	14028	0553	17	OH
ZD8S	14027	2225	15	AL

20 Meter SSB

3B8AD *	14169	1145	18	IL
9V1XQ	14183	1120	18	NY
9V1XQ	14192	2310	16	FL
A35KB	14176	0949	15	FL
CE9GEW	14194	1154	15	NY
EL2CP	14295	0656	19	CT
FO0IGS	14197	0912	21	VA
H44MS	14174	1100	22	OR
KC4USV	14226	0720	19	CT
KC6ZZ	14168	1244	17	MD
OD5ZN	14252	0114	13	CA
P29CH	14198	1207	20	IL
PY0FF	14194	2309	16	NY
RJ1J	14190	1346	17	CA
T30DP	14223	1427	18	MD
TJ1BJ	14259	0455	22	OR
UH8YP	14237	0234	15	IL
V63JC	14165	1218	15	MN
VU2BEJ *	14194	1256	20	IL

17 Meter CW

3B8CF *	18089	1210	22	FL
4K1ADQ	18072	2220	21	FL
4S7NE	18070	0046	17	CT
9J2BO	18072	1316	21	CA
9M2AX *	18070	0022	21	FL
A41JV	18069	2225	21	FL
C31LL	18080	1440	21	FL
FK8FS	18071	1112	21	VA
H44VU	18067	0614	19	OH
HF0POL	18070	0147	20	IL
OX3FT	18069	1448	15	OH
OY3QN	18085	2245	21	FL
P29PL	18071	1252	20	FL
RL7GA	18079	0124	22	FL
SV0DV/9	18070	0030	20	PA
VU2ZAP	18086	0116	22	VA
YQ3R	18076	0138	22	CT
ZC4CZ	18071	0344	16	AL
ZD8LII	18073	2215	21	FL

17 Meter SSB

4S7EA	18142	2342	25	CT
9Q5TE	18138	0531	17	CT
A22AA	18118	0455	17	CT
A61AD	18113	1429	20	IL
PZ1EL	18116	0802	20	CT

15 Meter CW

3C1EA	21046	2250	21	CT
4K1B	21015	0250	11	MI
4K2BDU	21026	2340	15	AL
4K2OIL	21008	0130	15	CA
4K2OIL	21014	0839	17	FL
4K2OIL	21013	1411	18	NH
4L1QRQ	21019	1351	21	CT
4S7EF	21028	2245	18	AZ
4S7NE	21045	0010	21	CA

4S7WP	21021	2250	18	AZ
6W6JX	21014	1810	16	OH
7Q7JA	21015	2223	18	MN
7X2CR	21021	1825	14	MN
BV2TA	21008	1506	13	MN
BY4RB	21022	0020	18	GA
BY9GA	21024	2359	23	FL
HK0NAF	21015	2340	19	GA
HZ1HZ	21009	2301	17	NC
J28NU	21022	0305	20	CA
JY9SR	21004	0427	20	CO
JY9SR	21016	2255	18	AZ
OX3XR	21030	1415	20	CA
OY7ML	21024	1337	14	MN
RH8AJ	21013	0135	21	CA
RV0YF	21002	0140	15	CA
TF3DX	21020	0135	21	CA
UA0XAO	21018	0545	24	CA
UA0YO	21006	0124	19	NH
UA2FCB	21009	1059	16	OH
UF6QBA	21031	2025	16	OH
UH9YWA	21026	2302	22	CA
UI8AFI	21010	0203	21	NH
UI8GBK	21022	0410	19	CA
UI8GDG	21025	0242	17	CO
UI9ACP	21014	0231	16	MI
UJ8JCQ	21024	0235	16	CA
UJ8KA	21003	2031	13	SC
UL7DW	21037	0040	19	CA
UL8GWJ	21036	1324	20	IL
UM8QDX	21009	1253	21	IL
UM9QWC	21020	0215	19	CA
UT5JAJ	21012	2042	13	SC
V85FC	21006	2125	16	NB
VS6WU	21026	0010	24	FL
VU2BK	21025	1057	23	FL
YQ5R	21028	2006	22	CT
ZD8VJ	21026	0024	24	FL

15 Meter SSB

4S7JR	21268	1906	19	MD
4X1AD	21244	0145	19	CA
9M2RJ	21256	2230	18	NY
9M8PV	21275	2155	15	NY
9N1MM	21243	1139	16	NJ
A41KJ *	21241	1212	18	PA
A41KV	21277	0042	21	VA
BT80TUA	21232	1102	16	NJ
CE0ZCD	21238	0250	11	GA
EK0KBZ	21295	0215	19	CT
FR4EL	21239	0315	21	IL
HF0POL	21262	2219	16	CT
HK0TCN	21319	1713	21	VA
HV3SJ	21298	1917	20	VA
OD5VT	21253	1823	17	CT
OD5ZZ	21317	2328	19	NH
S79KMB	21330	1649	14	MN
SU1HN	21236	2303	14	CT
UH9BWD	21273	0022	22	VA
UL7NW	21242	0248	21	IL
UM8TBE	21262	1821	18	NY
VP8CGD	21320	0142	22	MN
VU2TTC	21295	1821	21	NJ
XU1DK	21280	1510	18	NB
XW8KPL	21240	1334	20	MN

12 Meters

3B8CF	24906	1830	20	CA
A22GH	24911	1627	19	OH
A22GH	24895	2253	13	CT
A61AD	24965	1804	20	NH

A61AD *	24970	1417	20	IL
FH5EJ	24899	2209	16	CT
FR5FI	24903	1605	19	OH
S79KMB	24945	1800	21	NY
SV0HV/9	24936	1849	15	NY
SV9ADH	24894	1358	21	FL
SV9BAI	24892	2246	13	CT
TZ6VV	24937	1806	20	NH
UJ8KA	24904	1420	17	OH
XQ0X	24950	2110	15	MI
ZD8VJ	24912	1930	19	NH

10 Meter CW

3B8FQ	28009	1949	19	NH
3B9UF	28023	1814	16	OH
3C1EA	28007	1545	22	CT
3D2AG	28024	0032	20	CT
6W6JX	28032	1510	16	CO
BV2DA	28009	1440	20	NH
EA8AT	28048	1149	23	GA
FH5EJ	28020	2233	16	FL
H44VU	28007	2312	19	NH
JY9SR	28027	1151	23	GA
P29PL	28014	1224	20	FL
RL7QA	28013	1206	16	VA
RU8OA	28007	1216	16	VA
SV9BAI	28017	1250	17	NH
TA3D	28013	1415	20	CT
Z21GZ	28083	1555	21	PA
ZD8VJ	28015	1215	19	NH

10 Meter SSB

4S7NB	28546	2032	20	CT
4S7NE	28492	2314	16	CT
5Z4FM	28482	2002	19	MN
5Z4FS	28477	1008	17	FL
7P8EB	28565	1853	20	VA
7Q7MM	28412	2305	16	CA
7X2DG	28526	1534	19	VA
7X2VLG	28492	1247	15	ME
7Z1AB	28365	1419	20	NH
9Q5TE	28455	1330	20	ME
A22AA	28492	1701	16	CT
A71AA	28495	1340	15	NJ
BV2AV	28415	1641	20	MD
D44BS	28471	1216	19	NJ
EA9TL	28457	1904	20	VA
FR5DN *	28513	0647	21	CA
FR5DX	28470	1147	22	ME

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Issue 586 - May 3, 1991

Current and Future DXpeditions

(Changes and hot info in boldface.)

DXCC Country	Prefix Callsign	Dates	Issue
Andorra	C3 C30EUA	May 10-20	I586
Anguilla	VP2E VP2EY	April 21-May 4	I583
	VP2EOH	May 1-8	I585
Antigua	V2 V2/KJ4VH	May 18-20	I583
Ascension	ZD8 ZD8VJ	Jan. 14-June	I568
Banaba	T33 T33JH	May-June?	I584
Bermuda	VP9/ K1EFI	May 23-30	I586
Bhutan	A5 A51JS	May 1-15	I585
Burundi	9U 9U5BZP	May ?	I584
Jersey	GJ /PB0AFQ	May 17-24	I586
Montserrat	VP2M VP2MDH	May 20-27	I583
New Caledonia	FK JAs	early May	I585
Rotuma	3D 3D2XV	May 4-25	I584
St. Maarten	PJ PJ1A	May 9-16	I586
St. Martin	FS JAs	Apr. 27-May 4	I582
	JAs	Apr. 28-May 3	I583
St. Peter & St. Paul	PY0S?	May 3-13	I585
San Felix	CE0 XQ0X	Now SSB only	I563
Solomon Islands	H44 H44SX XF VG	May 4-11	I585/6
Southern Sudan	ST0 ST0DX	Now-one year	I573
South Shetlands	4K1ADQ	Now	I583
	CE9 CE9GEW	Now	I583
Tromelin	FR/T FR5AI/T	Now active	I585
Turks and Caicos	VP5 VP5VEB/C/D	late May	I586
United Arab Emirates	A61AD	May 11-17	I585
Uzbekistan	UI UI8A/G3	May 4-10	I585
Western Kiribati	T30 T30JH	May-June	I584
Western Samoa	5W 5W1GY	June	I584

Operating Events and DX Gatherings

Dates	Event	Reference:
May 11-12	Volta RTTY Contest	I585
	CQ Mir Contest	I586
May 25-26	CQ WPX CW Test	CQ
May 31-June 1	FRG-91 Contest	CQ
June 15-16	All Asian SSB test	CQ
	Spanish RTTY Contest	CQ

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Antarctica	4K1A	20M CW	12-1330Z
Crete	SV0DV/9	18070	0030Z
Crozet Island	FT4WC	14012±	12-16Z Wed.
Franz Josef Land	4K2OIL	21016±	often
Franz Josef Land	4K2BDU	21026	2345Z
Greenland	OX3FV	10101	2345Z
India	VU2TTC	21290	1830Z
India	VU2BK	21024	1100Z Tues
Johnston Island	KH3/NH6YG	28480±	23-0200Z
Jordan	JY9SR	21020±	23-0100Z
Kampuchea	XU8DX	14005	1100Z
Mauritius Island	3B8FG	14020	1230Z
Mauritius Island	3B8CF	18085±	12-1400Z
Mayotte Island	FH5EJ	28018	2230Z
Nicaragua	YN/SM0OIG	14026	12Z Thu.
Oman	A41KJ	21240±	12-1500Z
Reunion Island	FR5DX	28480±	1200Z
Rodriguez island	3B9UF	10M CW	1800Z
Senegal	6W6JX	21020±	18-2300Z
South Shetlands	4K1ADQ	7003	0200Z
Sri Lanka	4S7EF	21028	2230-0030Z
Sri Lanka	4S7WP	21022	2250-0030Z
Sri Lanka	4S7RO	20M CW	12-1300Z
Turkmenistan	RH8AT	21013	0130Z
Zimbabwe	Z21HS	7006	0400Z

Contributors

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